



# Forest Insect & Disease Management

Report No.  
80-3-17  
Issued on: 6-9-80

## AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, LAKE ALLATOONA, GEORGIA

LAND OWNERSHIP OR SURVEY AREA: Lake Allatoona, Georgia  
Corps of Engineers

STATE: Georgia

AREA WITHIN SURVEY BOUNDARY: 25,000 acres

DATE: June 4, 1980

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 182

CREW: R. Bassett; Kenneth Day (Corps of Engineers)

REPORT PREPARED BY: R. Bassett

### SURVEY OBJECTIVES

To detect the presence of dead and dying pines.

### SURVEY RESULTS

All dying pines were recorded. Dead pines without needles were not recorded, as this damage was not considered current. Fourteen spots were recorded (see Table 1). The largest spot contained 6 dying pines.

### CONCLUSIONS

All spots observed were very small (Table 1). Because of past damage caused by southern pine beetle at Lake Allatoona, the observed spots are suspected of having been caused by southern pine beetle. Ground checks to confirm the causal agent should be made. Because of existing southern pine beetle populations throughout Georgia and high water conditions which occur periodically, the potential of rapid southern pine beetle population expansion exists at Lake Allatoona. Field surveillance by Corps of Engineers personnel should continue to assist in early detection of potential problems.

For further information, contact:

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Table I: Summary of Aerial Survey Data, Lake Allatoona, Georgia, 6-4-80

Ownership	Infestation Size (# Trees)						Total				
	1	2-5	6-20	21-50	51-100						
Corp of Engineers	Spots:Trees	Spots:Trees	Spots:Trees	Spots:Trees	Spots:Trees	Spots:Trees					
	3	3	10	33	1	6	0	0	0	14	42